

**LaJuana S. Wilcher**  
Secretary

# **AIR QUALITY PERMIT**

Issued under 401 KAR 52:030

**Ernie Fletcher**  
Governor



**Commonwealth of Kentucky  
Environmental and Public Protection Cabinet  
Department for Environmental Protection  
Division for Air Quality  
803 Schenkel Lane  
Frankfort, Kentucky 40601  
(502) 573-3382**

**Permittee Name:** Earthgrains Baking companies, Inc.-London Bakery

**Mailing Address:** 1331 North Main Street  
London, KY 40741


**Source Name:** Earthgrains Baking companies, Inc.-London Bake  
**Mailing Address:** 1331 North Main Street  
**Source Location:** Same as above

**KYEIS ID #:** 21-125-00095  
**AI Number:** 2571  
**Permit Number:** F-04-035  
**Activity Number:** APE20050001

**SIC Code:** 2051  
**County:** Laurel  
**Permit Type:** Operating/Construction

**Regional Office:** London Regional Office  
875 South Main Street  
London, KY 40741  
(606) 878-0157

**Application Complete Date:** December 16, 2005  
**Issuance Date:** June 28, 2005  
**Revision Date:** December 19, 2005  
**Expiration Date:** June 28, 2005

E-Signed by Diana Andrews  
VERIFY authenticity with ApproveIt  


**John S. Lyons, Director  
Division for Air Quality**

**DEP7001 (6-97)**  
Revised: 07/10/03

## Conditional Major-Construction/Operating Permit

Earthgrains Baking Co Inc

Subject Item Inventory

Activity ID No.: APE20050001

### Subject Item Inventory:

ID	Designation	Description
AIOO2571		
COMB2	IA1	Boiler #1 (Superior) : Natural Gas Fired Unit Rated Capacity: 4.18 mmBtu/hr Construction Commenced: 1984
COMB3	IA2	Boiler #2 (Superior) : Natural Gas Fired Unit Rated Capacity: 4.18 mmBtu/hr Construction Commenced: 2003
EQPT2	01	Bake-Tech Bread Oven: 2006 Natural Gas Fired Unit Rated Capacity: 8.7 mmBtu/hr Process Rate: 5.5 tons of bread/hr (front end equipment limitation) Construction Commenced: 2006
EQPT3	02	Bun Oven 'A': Natural Gas Fired Unit Rated Capacity: 3.29 mmBtu/hr Process Rate: 1.625 tons of buns/hr Construction Commenced: 1973
EQPT4	03	Bun Oven 'B': Natural Gas Fired Unit Rated Capacity: 4.23 mmBtu/hr Process Rate: 3.25 tons buns/hr Construction Commenced: 1999
EQPT5	IA3	Flour Storage and Transfer System: Rated Capacity: 0.49 ton flour/hr
EQPT6	IA4	Space Heaters:
EQPT7	IA5	Cold Solvent Cleaners:
EQPT8	IA6	7 Imaje ink printers:

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ID	Designation	Description
EQPT9	IA7	Gravel Road:

### Subject Item Groups:

ID	Description	Components
GACT1	Insignificant Activities	COMB3 Boiler #2 (Superior) :
		Natural Gas Fired Unit
		Rated Capacity: 4.18 mmBtu/hr
		Construction Commenced: 2003
		EQPT5 Flour Storage and Transfer System:
		Rated Capacity: 0.49 ton flour/hr
		EQPT6 Space Heaters:
		EQPT7 Cold Solvent Cleaners:
		EQPT8 7 Imaje ink printers:
		EQPT9 Gravel Road:
		COMB2 Boiler #1 (Superior) :
		Natural Gas Fired Unit
		Rated Capacity: 4.18 mmBtu/hr
		Construction Commenced: 1984

### KEY

ACTV = Activity

AREA = Area

EQPT = Equipment

PERS = Personnel

STOR = Storage

AIOO = Agency Interest

COMB = Combustion

MNPT = Monitoring Point

PORT = Transport

STRC = Structure

## **Conditional Major-Construction/Operating Permit**

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### **KEY**

TRMT = Treatment

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### Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>SEMIANNUAL REPORTS:</p> <p>The permittee shall submit report(s): Due semiannually, by the 30th of January and July to the Regional Office listed on the front of this permit, for the duration of this permit, unless otherwise stated. This report shall be a summary of any monitoring required by this permit, other than continuous emission or opacity monitors. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation. All deviations from permit requirements shall be clearly identified in the reports. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1b (V)1] All reports shall be certified by a responsible official. [401 KAR 52:030, Section 22] Data from the continuous emission and opacity monitors shall be reported to the Technical Services Branch in accordance with the requirements of 401 KAR 59:005, Section 3(3). [401 KAR 52:030 Section 26, 401 KAR 52:030 Section 22, 401 KAR 59:005 Section 3(3)]</p>
S-2	<p>EMISSION EXCEEDANCES:</p> <p>The owner or operator shall submit report(s): Due within thirty (30) days of emission related exceedances from permit requirements, including those attributed to upset conditions (other than emission exceedances covered by Requirement D.5); to the Regional Office listed on the front of this permit. Other deviations from permit requirements shall be included in the semiannual reports required by Condition No S-1. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1b (V)(3) and (4)]. [401 KAR 52:030 Section 26]</p>

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### Submittal/Action Requirements:

Condition No.	Condition
S-3	<p><b>COMPLIANCE CERTIFICATION:</b></p> <p>The permittee shall certify compliance with the terms and conditions contained in this permit and shall submit compliance certification: Due annually, by the 30th of January to the Regional Office listed on the front of this permit. Compliance Certification Form (DEP 7007CC) (or an approved alternative) shall be used in accordance with the following requirements:</p> <ol style="list-style-type: none"><li>Identification of each term or condition of the permit that is the basis of the certification;</li><li>The compliance status regarding each term or condition of the permit;</li><li>Whether compliance was continuous or intermittent; and</li><li>The method used for determining the compliance status for the source, currently and over the reporting period.</li><li>For an emissions unit that was still under construction or which has not commenced operation at the end of the year covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.</li><li>The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the Regional Office listed on the front of this permit and the following address:</li></ol> <p>Division for Air Quality Central Files 803 Schenkel Lane Frankfort, KY 40601. [401 KAR 52:030 Section 21]</p>
S-4	<p><b>NOTIFICATION:</b></p> <p>The following information shall be reported:</p> <ol style="list-style-type: none"><li>The date when construction commenced.</li><li>The date of start-up of the affected facilities listed in this permit.</li><li>The date when the maximum production rate specified in the permit application was achieved. The permittee shall submit information: Due within 30 days after construction commencement and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office. [401 KAR 52:030]</li></ol>

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### Submittal/Action Requirements:

Condition No.	Condition
S-5	<p><b>PERFORMANCE TESTS:</b></p> <p>Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least Thirty (30) days prior to the test. [401 KAR 50:045]</p>
S-6	<p><b>PERMIT EXPIRATION AND REAPPLICATION REQUIREMENTS:</b></p> <p>This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate. The permittee shall submit permit application for renewal: Due at least 180 days prior to permit expiration to the Division. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:030 Section 12]</p>

### Narrative Requirements:

Condition No.	Condition
T-1	<p><b>SECTION A. PERMIT AUTHORIZATION.</b> [401 KAR 52:030]</p>
T-2	<p><b>A1.</b> Pursuant to a duly submitted application, the Kentucky Division for Air Quality hereby authorizes the construction and operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.</p> <p>The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and received a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.</p> <p>Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency. [401 KAR 52:030]</p>

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### Narrative Requirements:

Condition No.	Condition
T-3	SECTION B. SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS. [401 KAR 52:030]
T-4	B1. Compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1b] [401 KAR 52:030 Section 26]
T-5	B2. [Volatile organic compounds (VOC(s))] emissions, as measured by methods referenced in 401 KAR 50:015 Section 1, shall not exceed the respective limitations specified herein. [401 KAR 52:030]
T-6	SECTION C. SOURCE CONTROL EQUIPMENT REQUIREMENTS. [401 KAR 50:055]
T-7	C1. At all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [401 KAR 50:055 Section 2(5)]
T-8	SECTION D. MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS. [401 KAR 52:030]
T-9	D.1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include: a. Date, place (as defined in this permit), and time of sampling or measurements; b. Analyses performance dates; c. Company or entity that performed analyses; d. Analytical techniques or methods used; e. Analyses results; and f. Operating conditions during time of sampling or measurement. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1b (IV)(1)] [401 KAR 52:030 Section 26]
T-10	D.2. Records of all required monitoring data, support information (including calibrations, maintenance records, and original strip chart recordings), and reports required by the Division for Air Quality shall be retained by the permittee for a period of five years. These records shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1b (IV)(2) and Section 1a (7)] [401 KAR 52:030 Section 26]



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T-11	<p>D.3. The permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:</p> <ul style="list-style-type: none"><li>a. To access and copy any records required by the permit;</li><li>b. To inspect any facility, equipment (including monitoring and air pollution control equipment), practice, or operation; and</li><li>c. To sample or monitor substances or parameters to assure compliance with the permit or any applicable requirements.</li></ul> <p>Reasonable times are defined as during all hours of operation, during normal office hours, or during an emergency. [401 KAR 52:030 Section 3(1)(f)]</p>
T-12	<p>D.4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties. [KRS 77.165, 401 KAR 50:060]</p>
T-13	<p>D.5. The owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:</p> <ul style="list-style-type: none"><li>i) When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.</li><li>ii) When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards the permittee shall notify the division as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request. [401 KAR 50:055 Section 1]</li></ul>
T-14	<p>D.6. The permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission report is mailed to the permittee. If a KEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit. [401 KAR 52:030 Section 3(1)(d)]</p>
T-15	<p>D.7. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:</p> <ul style="list-style-type: none"><li>a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:<ul style="list-style-type: none"><li>i. The size and location of both the original and replacement units; and</li><li>ii. Any resulting change in emissions;</li></ul></li><li>b. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;</li><li>c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;</li><li>d. The replacement unit shall comply with all applicable requirements; and</li><li>e. The source shall notify Regional office of all shutdowns and start-ups.</li><li>f. Within six (6) months after installing the replacement unit, the owner or operator shall<ul style="list-style-type: none"><li>i. Re-install the original unit and remove or dismantle the replacement unit; or</li><li>ii. Submit an application to permit the replacement unit as a permanent change. [401 KAR 52:030 Section 20]</li></ul></li></ul>

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### Narrative Requirements:

Condition No.	Condition
T-16	SECTION E. GENERAL PROVISIONS. [401 KAR 52:030]
T-17	E(a) General Compliance Requirements. [401 KAR 52:030]
T-18	E(a)1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (2)] [401 KAR 52:030 Section 26]
T-19	E(a)2. Notification by the permittee of a planned change or anticipated noncompliance, or filing of a request for any permit revision, revocation, reissuance, or termination shall not stay any permit condition. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (5)] [401 KAR 52:030 Section 26]
T-20	<p>E(a)3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:</p> <p>a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;</p> <p>b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;</p> <p>c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.</p> <p>Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (4)] [401 KAR 52:030 Section 26] [401 KAR 50:060 Section 2] [401 KAR 52:030 Section 7(3), 401 KAR 52:030 Section 26, 401 KAR 50:060 Section 2]</p>
T-21	E(a)4. The permittee shall furnish upon request information requested by the Division to determine compliance with the permit or to determine if cause exists for modifying, revoking and reissuing, or terminating the permit. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Sections 1a (6) and (7)] [401 KAR 52:030 Section 26]

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### Narrative Requirements:

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T-22	E(a)5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority. [401 KAR 52:030 Section 7(1)]
T-23	E(a)6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (11)] [401 KAR 52:030 Section 26]
T-24	E(a)7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (3)] [401 KAR 52:030 Section 26]
T-25	E(a)8. Except for requirements identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (12)(b)] [401 KAR 52:030 Section 26]
T-26	E(a)9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6). [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (9)] [401 KAR 52:030 Section 26]
T-27	E(a)10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 52:030 Section 11(3)]
T-28	E(a)11. This permit does not convey property rights or exclusive privileges. [Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources, Section 1a (8)] [401 KAR 52:030 Section 26]
T-29	E(a)12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Environmental and Public Protection or any other federal, state, or local agency. [401 KAR 52:030]
T-30	E(a)13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry. [401 KAR 52:030]
T-31	E(a)14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders. [401 KAR 52:030]

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### Narrative Requirements:

Condition No.	Condition
T-32	E(a)15. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with: (a) Applicable requirements that are included and specifically identified in this permit; and (b) Non-applicable requirements expressly identified in this permit. [401 KAR 52:030 Section 11]
T-33	E(a)16. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division. [401 KAR 52:030 Section 3(1)(c)]
T-34	E(a)17. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets. [401 KAR 52:030 Section 8(2)]
T-35	E(a)18. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source. [401 KAR Chapter 51]
T-36	E(b) Permit Revisions. [401 KAR 52:030]
T-37	E(b)1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2). [401 KAR 52:030 Section 14(2)]
T-38	E(b)2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer. [401 KAR 52:030]
T-39	E(c) Construction, Start-up and Initial Compliance Demonstration Requirements. [401 KAR 52:030]
T-40	E(c)1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit. [401 KAR 52:030]
T-41	E(c)2. Unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause. [401 KAR 52:030 Section 3(2)]

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### Narrative Requirements:

Condition No.	Condition
T-42	E(c)3. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the proposed permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by a compliance schedule in this permit or order of the Cabinet. [401 KAR 50:055]
T-43	E(c)4. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire. [401 KAR Chapter 51]
T-44	E(e) Emergency Provisions. [401 KAR 52:030]
T-45	E(e)1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that: a. An emergency occurred and the permittee can identify the cause of the emergency; b. The permitted facility was at the time being properly operated; c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and, d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to the emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. [401 KAR 52:030 Section 23(1)]
T-46	E(e)2. Notification of the Division does not relieve the source of any other local, state or federal notification requirements. [401 KAR 52:030]
T-47	E(e)3. Emergency conditions listed in General Provision E(e)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement. [401 KAR 52:030]
T-48	E(e)4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 52:030 Section 23(2)]
T-49	E(f) Risk Management Provisions. [401 KAR Chapter 68]

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### Narrative Requirements:

Condition No.	Condition
T-50	<p>E(f)1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:</p> <p>RMP Reporting Center P.O. Box 1515 Lanham-Seabrook, MD, 20703-1515. [401 KAR Chapter 68]</p>
T-51	<p>E(f)2. If requested, submit additional relevant information by the Division or the U.S. EPA. [401 KAR Chapter 68]</p>
T-52	<p>E(g) Ozone depleting substances. [40 CFR 82]</p>
T-53	<p>E(g)1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:</p> <ul style="list-style-type: none"><li>a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.</li><li>b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.</li><li>c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.</li><li>d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.</li><li>e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.</li><li>f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [40 CFR 82]</li></ul>
T-54	<p>E(g)2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. [40 CFR 82]</p>

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### EQPT2 (01) Bake-Tech Bread Oven: 2006 Natural Gas Fired Unit

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	PT (Particulate Matter)	<p>Each unit shall have a maximum emissions of PT (Particulate Matter) <math>\leq 10.3</math> lbs/hr If the process weight rate for the unit is 1,000 lbs/hr or less, the limit on emissions of particulate matter is 2.34 lb/hr. If the process weight rate for the unit is above 1,000 lbs/hr, the limit on emissions of particulate matter from the unit can be determined (in lbs/hr) by taking the process weight rate for materials introduced into the unit (in tons/hr), raising the process weight rate value to the 0.62 power, and multiplying by 3.59 (maximum = <math>3.59 \times \text{process weight rate}^{0.62}</math>).</p> <p>Compliance Demonstration</p> <p>This unit is considered to be in compliance with the allowable PM, and opacity limitations while burning natural gas.</p> <p>See Monitoring Requirements for monitoring rates and visual inspection of controls. [401 KAR 59:010 Section 3(2)] Statistical basis: Three-hour average.</p>
L-2	Visible Emissions	The unit shall have Visible Emissions $< 20$ % opacity. [401 KAR 59:010 Section 3(1)] Statistical basis: Six-minute average.

#### Narrative Requirements:

##### Applicable Regulations:

Condition No.	Condition
T-1	Applicable Regulations: New process operations is applicable to each affected facility associated with a process operation commenced after July 2, 1975 and limits particulate emissions. [401 KAR 59:010]
T-2	Applicable Regulations: Federally-enforceable permits for non-major sources. [401 KAR 52:030]

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### Narrative Requirements:

#### Additional Limitations:

Condition No.	Condition
T-3	<p>Additional Limitations:</p> <ol style="list-style-type: none"><li>1. Volatile organic compounds (VOC(s)) emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.</li><li>2. Compliance with annual emissions and processing limitations imposed pursuant to 401 KAR 52:030, and contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.</li><li>3. In accordance with 401 KAR 52:030, source wide emissions of volatile organic compounds (VOC(s)) shall not equal or exceed 90 tons/year on a twelve-month rolling average:</li><li>4. The permittee shall limit production rates of bread and buns so as to ensure that source wide emissions of VOC(s) shall not equal or exceed 90 tons/year.</li></ol> <p>Compliance with monthly VOC emissions shall be calculated using the following equation</p> <p>VOC emissions in tons/month= [(monthly production rate of bread and buns in tons/month)(VOC emission factor in lb /ton)+ (natural gas usage rate in mmcf/month)(natural gas emission factor in lb/mmcf)] X (1/2000). [401 KAR 52:030]</p>

#### Recordkeeping:

Condition No.	Condition
T-4	<p>Recordkeeping: Specific Requirements:</p> <ol style="list-style-type: none"><li>1. The permittee shall keep monthly records of bread and buns produced. Total actual emissions for VOCs shall be calculated each month (tons per month) based upon the amount of bread and buns produced at the facility during that month. The permittee shall also keep records of twelve (12) months rolling total for VOC emissions. Records shall include the bread and buns formula number. These records shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.</li><li>2. The permittee shall keep records of the amount of fuel combusted and hours of operation. [401 KAR 52:030 Section 10]</li></ol>



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Narrative Requirements:

Monitoring:

Condition No.	Condition
T-5	<p>Monitoring: Specific Requirements:</p> <p>The permittee shall monitor amounts of all bread and buns produced and their respective formula number. The permittee shall calculate and record the monthly VOC emissions. The VOC emissions from the operation of the bakery ovens shall be determined based on emission factors derived from the equation given in "Alternate Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017, December 1992)</p> <p><math>VOC\ E.F. = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90</math></p> <p>Where,</p> <p>VOC E.F.= Emission factor in pounds of VOC per Ton of bread baked</p> <p><math>Y_i</math>=Initial baker's percent of yeast to the nearest tenth of a percent</p> <p><math>t_i</math>=Total yeast action time in hours the nearest tenth of an hour (Fermentation time + Floor time + proof time)</p> <p><math>S</math>=Final (Spike) baker's percent of yeast to the nearest tenth of a percent</p> <p><math>t_s</math>=Spiking time in hours to the nearest tenth of an hour (Floor time + Final proof time). [401 KAR 52:030]</p>

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### EQPT3 (02) Bun Oven 'A': Natural Gas Fired Unit

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	PT (Particulate Matter)	<p>Each unit shall have a maximum emission of PT (Particulate Matter) <math>\leq 5.68</math> lbs/hr If the process weight rate for the unit is 1,000 lbs/hr or less, the limit on emissions of particulate matter is 2.58 lb/hr. If the process weight rate for the unit is above 1,000 lbs/hr, the limit on emissions of particulate matter from the unit can be determined (in lbs/hr) by taking the process weight rate for materials introduced into the unit (in tons/hr), raising the process weight rate value to the 0.67 power, and multiplying by 4.10 (maximum = <math>4.10 \times \text{process weight rate}^{0.67}</math>).</p> <p>Compliance Demonstration</p> <p>This unit is considered to be in compliance with the allowable PM, and opacity limitations while burning natural gas.</p> <p>See Monitoring Requirements for monitoring rates and visual inspection of controls. [401 KAR 61:020 Section 3(2)] Statistical basis: Three-hour average.</p>
L-2	Visible Emissions	<p>This unit shall have Visible Emissions <math>&lt; 40</math> % opacity. [401 KAR 61:020 Section 3(1)] Statistical basis: Six-minute average.</p>

#### Narrative Requirements:

##### Applicable Regulations:

Condition No.	Condition
T-1	<p>Applicable Regulations: Existing process operations applicable to each affected facility which commenced after July 2, 1975. [401 KAR 61:020]</p>
T-2	<p>Applicable Regulations:</p> <p>Federally-enforceable permits for non-major sources. [401 KAR 52:030]</p>

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### Narrative Requirements:

#### Additional Limitations:

Condition No.	Condition
T-3	<p>Additional Limitations:</p> <ol style="list-style-type: none"><li>1. Volatile organic compounds (VOC(s)) emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.</li><li>2. Compliance with annual emissions and processing limitations imposed pursuant to 401 KAR 52:030, and contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.</li><li>3. In accordance with 401 KAR 52:030, source wide emissions of volatile organic compounds (VOC(s)) shall not equal or exceed 90 tons/year on a twelve-month rolling average:</li><li>4. The permittee shall limit production rates of bread and buns so as to ensure that source wide emissions of VOC(s) shall not equal or exceed 90 tons/year.</li></ol> <p>Compliance with monthly VOC emissions shall be calculated using the following equation</p> <p>VOC emissions in tons/month= [(monthly production rate of bread and buns in tons/month)(VOC emission factor in lb /ton)+ (natural gas usage rate in mmcf/month)(natural gas emission factor in lb/mmcf)] X (1/2000). [401 KAR 52:030]</p>

#### Recordkeeping:

Condition No.	Condition
T-4	<p>Recordkeeping: Specific Requirements:</p> <ol style="list-style-type: none"><li>1. The permittee shall keep monthly records of bread and buns produced. Total actual emissions for VOCs shall be calculated each month (tons per month) based upon the amount of bread and buns produced at the facility during that month. The permittee shall also keep records of twelve (12) months rolling total for VOC emissions. Records shall include the bread and buns formula number. These records shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.</li><li>2. The permittee shall maintain records of the amount of fuel combusted and hours of operation. [401 KAR 52:030 Section 10]</li></ol>

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### Narrative Requirements:

#### Monitoring:

Condition No.	Condition
T-5	<p>Monitoring: Specific Requirements:</p> <p>The permittee shall monitor amounts of all bread and buns produced and their respective formula number. The permittee shall calculate and record the monthly VOC emissions. The VOC emissions from the operation of the bakery ovens shall be determined based on emission factors derived from the equation given in "Alternate Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017, December 1992)</p> <p><math display="block">\text{VOC E.F.} = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90</math></p> <p>Where,</p> <p>VOC E.F.= Emission factor in pounds of VOC per Ton of bread baked</p> <p><math>Y_i</math>=Initial baker's percent of yeast to the nearest tenth of a percent</p> <p><math>t_i</math>=Total yeast action time in hours the nearest tenth of an hour (Fermentation time + Floor time + proof time)</p> <p><math>S</math>=Final (Spike) baker's percent of yeast to the nearest tenth of a percent</p> <p><math>t_s</math>=Spiking time in hours to the nearest tenth of an hour (Floor time + Final proof time). [401 KAR 52:030]</p>

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### EQPT4 (03) Bun Oven 'B': Natural Gas Fired Unit

#### Limitation Requirements:

Condition No.	Parameter	Condition
L-1	PT (Particulate Matter)	<p>Each unit shall have a maximum emissions of PT (Particulate Matter) <math>\leq 7.45</math> lbs/hr If the process weight rate for the unit is 1,000 lbs/hr or less, the limit on emissions of particulate matter is 2.34 lb/hr. If the process weight rate for the unit is above 1,000 lbs/hr, the limit on emissions of particulate matter from the unit can be determined (in lbs/hr) by taking the process weight rate for materials introduced into the unit (in tons/hr), raising the process weight rate value to the 0.62 power, and multiplying by 3.59 (maximum = <math>3.59 \times \text{process weight rate}^{0.62}</math>).</p> <p>Compliance Demonstration</p> <p>This unit is considered to be in compliance with the allowable PM, and opacity limitations while burning natural gas.</p> <p>See Monitoring Requirements for monitoring rates and visual inspection of controls. [401 KAR 59:010 Section 3(2)] Statistical basis: Three-hour average.</p>
L-2	Visible Emissions	<p>This unit shall have Visible Emissions <math>&lt; 20</math> % opacity. [401 KAR 59:010 Section 3(1)] Statistical basis: Six-minute average.</p>

#### Narrative Requirements:

##### Applicable Regulations:

Condition No.	Condition
T-1	<p>Applicable Regulations: New process operations applicable to each affected facility which commenced after July 2, 1975. [401 KAR 59:010]</p>
T-2	<p>Applicable Regulations:</p> <p>Federally-enforceable permits for non-major sources. [401 KAR 52:030]</p>

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### Narrative Requirements:

#### Additional Limitations:

Condition No.	Condition
T-3	<p>Additional Limitations:</p> <ol style="list-style-type: none"><li>1. Volatile organic compounds (VOC(s)) emissions, as measured by methods referenced in 401 KAR 50:015, Section 1, shall not exceed the respective limitations specified herein.</li><li>2. Compliance with annual emissions and processing limitations imposed pursuant to 401 KAR 52:030, and contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.</li><li>3. In accordance with 401 KAR 52:030, source wide emissions of volatile organic compounds (VOC(s)) shall not equal or exceed 90 tons/year on a twelve-month rolling average:</li><li>4. The permittee shall limit production rates of bread and buns so as to ensure that source wide emissions of VOC(s) shall not equal or exceed 90 tons/year.</li></ol> <p>Compliance with monthly VOC emissions shall be calculated using the following equation</p> <p>VOC emissions in tons/month= [(monthly production rate of bread and buns in tons/month)(VOC emission factor in lb /ton)+ (natural gas usage rate in mmcf/month)(natural gas emission factor in lb/mmcf)] X (1/2000). [401 KAR 52:030]</p>

#### Recordkeeping:

Condition No.	Condition
T-4	<p>Recordkeeping: Specific Requirements:</p> <ol style="list-style-type: none"><li>1. The permittee shall keep monthly records of bread and buns produced. Total actual emissions for VOCs shall be calculated each month (tons per month) based upon the amount of bread and buns produced at the facility during that month. The permittee shall also keep records of twelve (12) months rolling total for VOC emissions. Records shall include the bread and buns formula number. These records shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.</li><li>2. The permittee shall maintain records of the amount of fuel combusted and hours of operation. [401 KAR 52:030 Section 10]</li></ol>

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Narrative Requirements:

Monitoring:

Condition No.	Condition
T-5	<p>Monitoring: Specific Requirements:</p> <p>The permittee shall monitor amounts of all bread and buns produced and their respective formula number. The permittee shall calculate and record the monthly VOC emissions. The VOC emissions from the operation of the bakery ovens shall be determined based on emission factors derived from the equation given in "Alternate Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017, December 1992)</p> <p><math>VOC\ E.F. = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90</math></p> <p>Where,</p> <p>VOC E.F.= Emission factor in pounds of VOC per Ton of bread baked</p> <p><math>Y_i</math>=Initial baker's percent of yeast to the nearest tenth of a percent</p> <p><math>t_i</math>=Total yeast action time in hours the nearest tenth of an hour (Fermentation time + Floor time + proof time)</p> <p><math>S</math>=Final (Spike) baker's percent of yeast to the nearest tenth of a percent</p> <p><math>t_s</math>=Spiking time in hours to the nearest tenth of an hour (Floor time + Final proof time). [401 KAR 52:030]</p>

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GACT1 (Insig. Act. #'s 1 - 7) Insignificant Activities:

Narrative Requirements:

Condition No.	Condition
T-1	The activities within this group have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030 Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary. [401 KAR 52:030 Section 6]